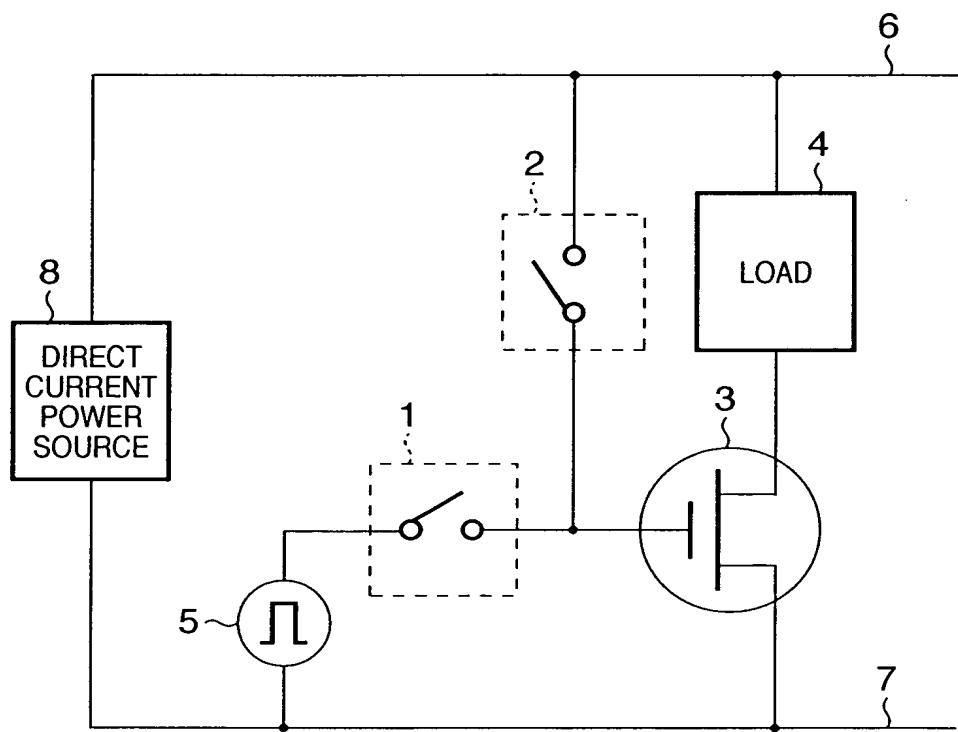
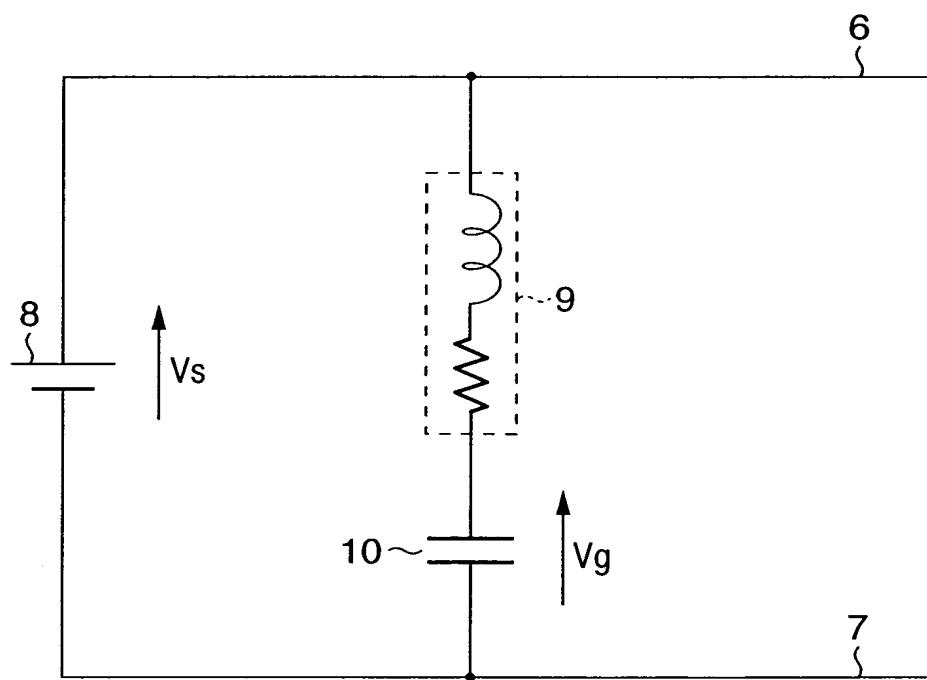


FIG. 1



F I G. 2

F I G. 3

	ENERGY SENT WHEN MAIN DEVICE IS ON (nJ)	RECOVERED ENERGY WHEN MAIN DEVICE IS OFF (nJ)	ENERGY RECOVERY PERCENTAGE (%)	REDUCTION AMOUNT OF GATE DRIVING ENERGY TO CONVENTIONAL ART (%)
CONVENTIONAL ART	275	0	0%	0%
EMBODIMENT	192.5	57.8	30%	51%

FIG. 4

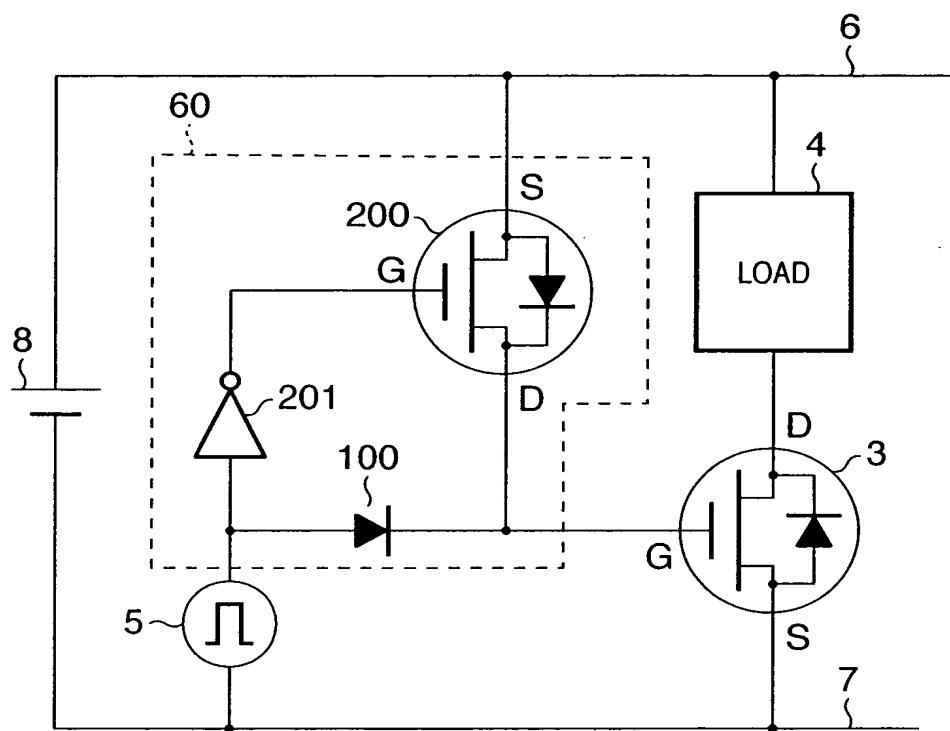


FIG. 5

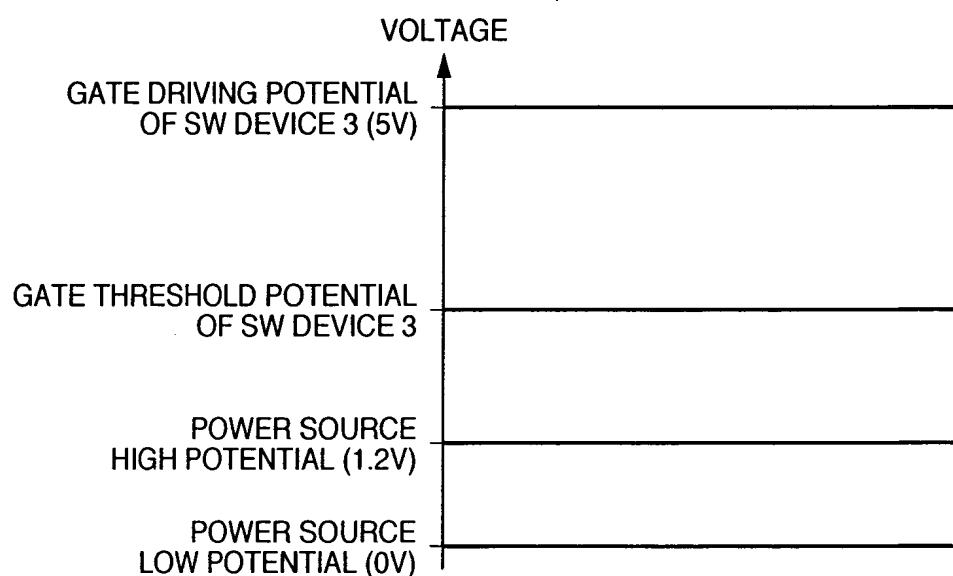


FIG. 6

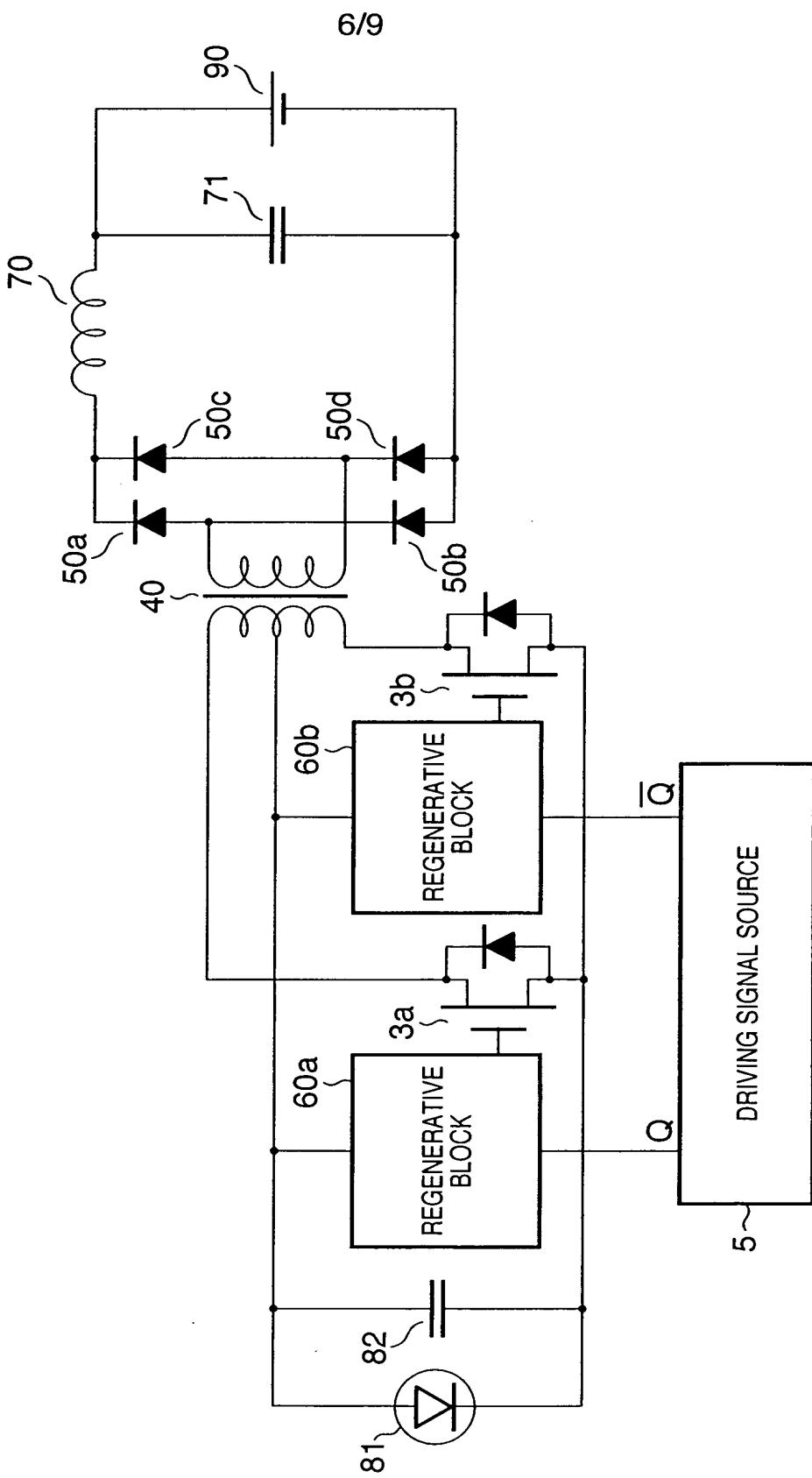
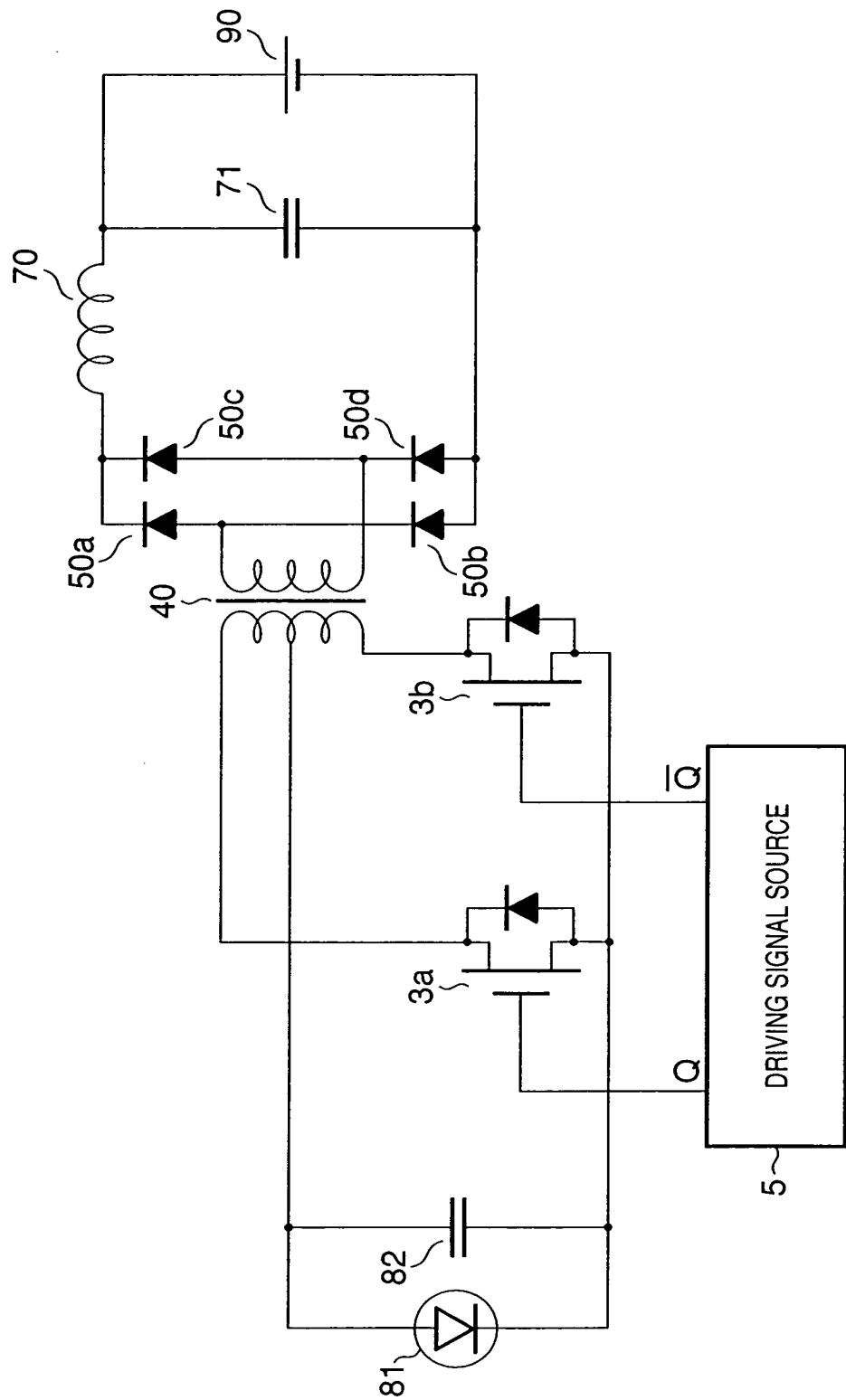


FIG. 7



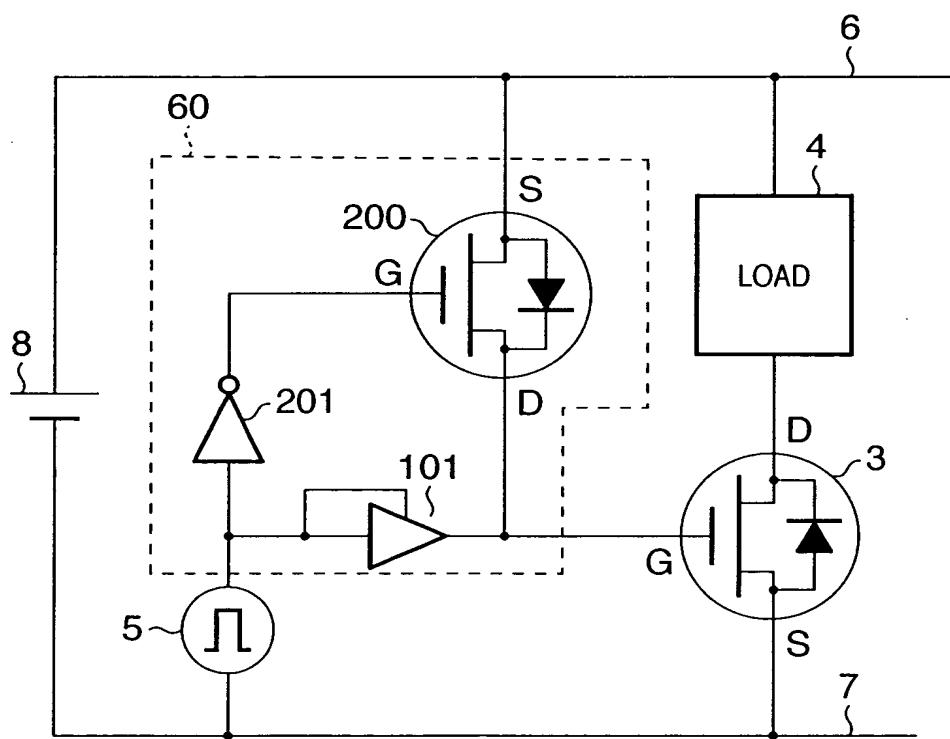
F I G. 8

FIG. 9

